

SUPPLY CHAIN MANAGEMENT
ADDENDUM NO.1

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|-----------------------------|---|
| SUBJECT: | BID ERW2303/011: SUPPLY, DELIVERY, INSTALLATION OF ACCESS CONTROL SYSTEMS AT ERWAT SITES INCLUDING MAINTENANCE SERVICES |
| DATE: | 07 August 2023 |
| SUBMISSION DEADLINE: | With tender submission |
| TIME: | 12H00 |

Bidders' attention is drawn to the amendments made in the document. Please complete and acknowledge receipt of addendum and send to Phumzile.mdlalose@erwat.co.za / Brenda.matlala@erwat.co.za.

Bidders are further required to attach the addendum with the tender submission on the tender closing date and time as part of the Record of Addenda.

NOTE TO BIDDERS:

- (i) Based on the discussions with the bidders in attendance of the briefing session held on **27 July 2023 @10h00**. Bidders should take note that the following information is furnished in addition to, in amplification and substitution of, matters contained in the tender document issued in respect of the above-mentioned bid.
1. Replace Page **14 of 75** with Annexure **A1** (attached to this addendum), item **3.1 number 3**, change remove 2 boom gates to remove three boom gates.
 2. Replace Page **14 of 75** with Annexure **A1** (attached to this addendum), item **3.2 number 8**, change supply installation and commissioning two new boom gates linked to the electronic access control to supply installation and commissioning three new boom gates linked to the electronic access control.
 3. Replace Page **19 of 75** with Annexure **A2** (attached to this addendum), **Pricing schedule line item 10** – Remove wording connected to the turnstile and increase quantity from 5 to 20.
 4. Replace Page **20 of 75** with Annexure **A2** (attached to this addendum), **Pricing schedule line item 19** – change quantity from 1 to 3.
 5. Replace Page **20 of 75** with Annexure **A2** (attached to this addendum), **Pricing schedule line item 21** – change to OM3 – Multimode 8 Core Fibre Cable and increase Meters from 450 meters to 1000 meters.
 6. Replace Page **20 of 75** with Annexure **A2** (attached to this addendum), **Pricing schedule line item 31** to be added on pricing schedule.
 7. Replace Page **21 of 75** with Annexure **A2** (attached to this addendum), **Pricing schedule line items 32, 33, 34, 35 and 36 added.**

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BID ERW2303/011: SUPPLY, DELIVERY, INSTALLATION OF ACCESS CONTROL SYSTEMS AT ERWAT SITES
INCLUDING MAINTENANCE SERVICES

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM

Details of bidding entity

Bidding entity:

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.....

Representative's name and surname:

.....

Authorised signatory designation:

.....

Signature:

.....

Date:

.....

Should you have any enquiries with this regards, please contact Ms Phumzile Mdlalose on
Brenda.matlala@erwat.co.za / Phumzile.mdlalose@erwat.co.za (Supply Chain Management)

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BID ERW2303/011: SUPPLY, DELIVERY, INSTALLATION OF ACCESS CONTROL SYSTEMS AT ERWAT SITES
INCLUDING MAINTENANCE SERVICES


Yours sincerely,


Mr. Andries Ras
Project Manager: Security



Ms. Brenda Matlala
SCM Specialist: Tenders

 10.8.2023
Ms. Loura Roode
Interim Executive Manager: Operations


Ms. Lindiwe Msibi
SCM Manager


Mr. Shaheed Dirathi
Chief Financial Officer (Acting)


Mr. Jack Rogers
Chairperson: BSC 10/08/2023

 2023/08/11
Mr. Kennedy Chihota
Managing Director (Accounting Officer)

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ANNEXURE A1

SCOPE OF WORKS: ERW2023/011: SUPPLY, DELIVERY, INSTALLATION OF ACCESS CONTROL SYSTEMS AT ERWAT SITES INCLUDING MAINTENANCE SERVICES

1. INTRODUCTION

This specification is for the appointment of a suitably qualified service provider for the de-commissioning of existing and disposal of old access control system and the supply and installation of a new replacement access control system, boom gates, fibre network cables that will comply with the requirements of ERWAT. The scope includes any necessary repairs which may be required relating to the removal of the old and installation of the new systems.

2. BACKGROUND

The current Access Control system is obsolete and repairs to the system is no longer possible.

The access control is of utmost importance to ensure the safety of the ERWAT employees and property and as result of this it is of utmost importance that a new access control system is installed to ensure controlled access into the ERWAT sites and ensure no unauthorised access to high-risk areas and/or departments.

3. SCOPE OF WORK

The scope of work entails the following:

3.1. Removal and transport to ERWAT storage facility of the existing access control system (Hardware, excluding cabling):

- 1) Remove 55 card readers
- 2) Remove 8 door controllers
- 3) Remove three old boom gates.

3.2. Supply, installation, and commissioning of a new ERWAT approved access control system, which include the following:

- 1) Building A – 12 x Dual readers (Biometric & RFID Tag) with controller/s.
- 2) Building B – 22 x Dual readers (Biometric & RFID Tag) with controller/s.
- 3) Scientific services – 8 x Dual readers (Biometric & RFID Tag) with controller/s.
- 4) Main gate – 9 x Dual readers (Biometric & RFID Tag) with controller/s (This area is currently connected with the Security control room in Building B via Nano bridge).
- 5) Welcome centre area – 2 x Dual readers (Biometric & RFID Tag) with controller/s.
- 6) Fibre network cable to be installed between the Welcome centre and building B to ensure uninterrupted connectivity of the access control system.
- 7) Install fibre network cable between the office building and the workshop at Hartebeestfontein Water Care Works, including splicing on both ends.
- 8) Supply, installation and commissioning three new boom gates linked to the electronic access control system.
- 9) Supply, installation, and commissioning of one Bidirectional Turnstile linked to the electronic access control system.
- 10) Testing and commissioning of the installed access control and hand over.
- 11) Supply and installation of three 6-meter plastic vehicle speed calming bumps.
- 12) A 12-month after-sale maintenance for the installed new access control system.

3.3. Fiber optic cable Installation:

- 1) Installation of multimode (8 Core) fiber cable

- 2) Run cable through existing underground channels (Manholes), Meters will be determined after the briefing sessions. Where no route from manholes to destination exists bidders will be required to trench and install fiber ducting that is able to protect against elements.

| NO | PRODUCTS PER CATEGORY | UNIT OF MEASURE | QUANTITY | UNIT RATE | TOTAL PRICE EXCLUDING VAT |
|-----|---|-----------------|----------|-----------|---------------------------|
| 1. | Portal cluster controller, IPS Box, supports 2 dual readers, 220-volt AC | No. | 2 | R | R |
| 2. | Portal reader module for IPS Box – Supports 2 dual readers, for use with Cluster controller in IPS Box | No. | 30 | R | R |
| 3. | Integrated power supply (IPS) – Black metal box, battery back up switch mode, 220 Volt AC | No. | 30 | R | R |
| 4. | AS 12 Volt 8AH – Gel type sealed lead acid battery | No. | 35 | R | R |
| 5. | Multi- discipline reader (MDR) – For 125Khz/13.56MHz tags, no keypad, buzzer, Tri-colour LED, Tamper, for outdoor use | No. | 60 | R | R |
| 6. | Access portal pro – Up to 25 sites, 200 APB doors and 5000 tag holders per site | No. | 2 | R | R |
| 7. | Access card printer cartridges or ribbons for the print of access cards | No. | 15 | R | R |
| 8. | Nano readers (Master and slave) | No. | 3 | R | R |
| 9. | Bidirectional turnstile (entry and exit) | No. | 1 | R | R |
| 10. | No touch push button | No. | 20 | R | R |
| 11. | SECTOR 6 – Standard speed high-volume barrier, 6m boom pole – compatible to the proposed access control system | No. | 3 | R | R |
| 12. | 6m plastic speed hump under the boom | No. | 3 | R | R |
| 13. | Radio Frequency Identification (RFID) or similar type of technology used for security access cards. Access must be printable and accommodate a photo. | No. | 1000 | R | R |
| 14. | ID Card clear lens – Portrait including clips to connect to lanyards | No. | 1000 | R | R |
| 15. | Access card printer, compatible to the access cards quoted for | No. | 1 | R | R |
| 16. | Blue lanyards with swivel hook | No. | 1000 | R | R |
| 17. | Computer, minimum requirements 24 inch touch screen all in one desktop including | No. | 1 | R | R |

| NO | PRODUCTS PER CATEGORY | UNIT OF MEASURE | QUANTITY | UNIT RATE | TOTAL PRICE EXCLUDING VAT |
|----|---|-----------------|----------|-----------|---------------------------|
| | access control software for the access control system | | | | |
| 18 | Labour: De-commissioning and Installation of the access control system | Sum | 1 | R | R |
| 19 | Labour: installation of the boom gates | Sum | 1 | R | R |
| 20 | Labour: Installation of bidirectional turnstile | Sum | 1 | R | R |
| 21 | OM 3 Multimode B Core Fibre Cable | Meters | 100 | R | R |
| 22 | Fibre Duct/Conduit/Enclosure | Meters | 300 | R | R |
| 23 | SPF Fibre Modules must be compatible to existing infrastructure. Refer to 3.5 above under the scope of works | | 4 | R | R |
| 24 | 8 port Power over Ethernet (PoE) (Fibre to copper converter) Switch (Guard House) | No. | 1 | R | R |
| 25 | Ethernet network point (Guard House) | No. | 5 | R | R |
| 26 | Fibre Patch Panel (optional) | No. | 4 | R | R |
| 27 | Poles for Areal Fibre (Standard height – 6 meter above ground level) | No. | 10 | R | R |
| 28 | Areal Fibre Enclosure | No. | 4 | R | R |
| 29 | Labour for complete installation of fibre optic cables | Sum | 1 | R | R |
| 30 | Maintenance plan | Months | 12 | R | R |
| 31 | Magnetic lock 320kg holding force 12/24VDC with indicator light – Provision to be made for installation on wooden, aluminium doors or dry walling | No. | 20 | R | R |
| 32 | Medium duty door closers – Suitable for wooden or aluminium doors | No. | 20 | R | R |
| 33 | CAT 6 Cable | Meters | 5000 | R | R |
| 34 | RJ45 Connectors | Each | 800 | R | R |

| NO | PRODUCTS PER CATEGORY | UNIT OF MEASURE | QUANTITY | UNIT RATE | TOTAL PRICE EXCLUDING VAT |
|-----|--|-----------------|----------|-----------|---------------------------|
| 001 | 24 Port PoE switches | No | 1 | R | R |
| 002 | 19U Cabinets (For housing of PoE switches) | No | 1 | R | R |
| | SUB TOTAL | | | | R |
| | CONTINGENCIES (10% of subtotal) | | | | R |
| | VAT @ 15% | | | | R |
| | TOTAL | | | | R |